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Nhu	AA	STARGUIDE DIGITAL NETWORKS, INC., StarGuide II Digital Multimedia Satellite Receiver, 1996, USA	
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	cc	STARGUIDE DIGITAL NETWORKS, INC., Musicam MPEG LayerII Digital Audio Decoder Module, 1996, USA	
	DD	STARGUIDE DIGITAL NETWORKS, INC., MPEG 2 Digital Video Decoder Module, 1996, USA	
	EE	STARGUIDE DIGITAL NETWORKS, INC., RS-422, v.35, RS-232C Synchronous Data Clear Channel Interface	
		Module, 1996, USA	
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¹ Unique citation designation number. 2 See allached Kinds of U.S. Patent Discreants 2 Enter Office that issued the document by the two-letter code (WIPO Standard ST.3) * For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the senal number of the patent document. 3 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST 16 if possible. Applicant is to place a check mark here if English language Trans at this attached

Form PTO-144 (Rev. 8-83)

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INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTORNEY DOCKET NO. 12571US01

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GROUP 2700

APPLICANT: Roberts et al.

FILING DATE October 22, 1999 GROUP ART UNIT: 3662

U.S. PATENT DOCUMENTS

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	С	5,493,339	02/1996	Birch et al.	348	461	
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	E	5,608,446	03/1997	Carr et al.	348	6	.
	F	5,659,615	08/1997	Dillon	380	21 6	
	G	5,694,490	12/1997	Howell et al.	382	260	H 4
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

1/2	AA	"What is DaX?" Brochure, Copyright 1995, by Virtex Communications, L.L.C. (predecessor to StarGuide Digital Networks, Inc.)					
	ВВ	"Inifinity Boards the Musicam Express," May 8-21, 1995, by Radio Inc.					
•	СС	"StarGuide II" Brochure, by Virtual Express Communications, L.L.C., Copyright 1995					
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	lh	AA	"Musicam Express" Brochure, by Virtual Express Communications, L.L.C., Copyright 1995
	l	ВВ	"Installation and Operation of the DaX," StarGuide Digital Networks, Inc., 4/25/95, pp. 1-16.
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lh	C1	*Draft AES recommended practice for professional audio – subjective evaluation of loudspeakers,* Draft AES20-xxxx, <u>Standards</u> and <u>Information Documents</u>
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J	C3	*Precision Telephone Product Tester at bottom left, p. 297, located in Group 2900 library, B. A. Pargh Company, Inc. catalog
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	C5	"ISO-MPEG-1 Audio: A Generic Standard for Coding of High-Quality Digital Audio," Brandenburg et al., <u>J. Audio Eng. Soc., Vol.</u> 42, No. 10, Oct. 1994, pp. 780-792.
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for	_	A46	5,406,558	04-11-95	Rovira et al.					
		A47	5,414,773	05-09-95	Handelman					
		A48	5,432,907	07-11-95	Picazo, Jr., et al.		RECE	WED		
		A49	5,440,336	08-08-95	Buhro et al.					
		A50	5,455,570	10-03-95	Cook et al.		MAR 2	1 2003		
		A51	5,461,619	10-24-95	Citta et al.		Technology (Center 2600		
		A52	5,463,424	10-31-95	Dressler			2000		
Tr.		A53	5,479,447	12-26-95	Chow et al.					
		A54	5,490,136	02-06-96	Sereno et al.					

			DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
			DOCUMENT NOMBER	DATE	COUNTRY	CLASS	GODOLAGO	YES	NO
6	-	B21	Kokai 5-290442	11-05-93	Japan				
		B22	Kokai 6-133220	05-13-94	Japan				
		B23	Kokai 6-141005	05-20-94	Japan				
	C B		Kokai 6-276169	09-30-93	Japan				

10,	2	C16	*Digital Audio Dictionary,* Howard W. Sams, <u>Prompt Publications</u>
		C17	"Introduction to Data Compression," Khalid Sayood, 1996
	<i>'</i>	C18	"MCPC VSAT's for Rural Network," M. L. Sharma, <u>Digital Satellite Communications</u> , 1995, 10th International Conference, pp. 484-490.
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for	A55	5,490,233	02-06-96	Kovacevic				
	A56	5,493,339	02-20-96	Birch et al.				
	A57	5,493,647	02-20-96	Miyasaka et al.		DEC	EIVED	
	A58	5,495,554	02-27-96	Edwards et al.		NEOL		
	A59	5,508,949	04-16-96	Konstantinides		MAR 2	2 1 2003	
	A60	5,515,107	05-07-96	Chiang et al.		Technology	Center 2600	
	A61	5,528,725	06-18-96	Hui			••••••	
	A62	5,530,655	06-25-96	Lokhoff et al.				
	A63	5,534,913	07-09-96	Majeti et al.				

	17		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
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	14	B25	Kokai 63-128829	06-01-88	Japan				
		B26	Kokai 63-240228	10-05-88	Japan				
		B27	Kokai 7-153243	06-16-95	Japan				
	V	B28	Kokai 7-154347	11-29-93	Japan				

14	u	C19	Advertisement from ET/D of May 1978, Model 452, Simpson Electric Co.
		C20	*Digital Video and Audio Compression,* Stephen J. Solari
J	/	C21	"AT&T, Starburst Offer Reliable, Satellite-Based Multicasting," StarBurst Communications Press Release, April 2, 1996
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*EXAMINER: Initial of this form with next			whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy applicant.

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h	_ A64	5,535,300	07-09-96	Hall II et al.			
1	A65	5,550,863	08-27-96	Yurt et al.			
	A66	5,557,334	09-17-96	Legate			
	A67	5,557,724	09-17-96	Sampat et al.		TIE!	CEIVED
	A68	5,559,549	09-24-96	Hendricks et al.		M.	R 2 1 2003
	A69	5,566,209	10-15-96	Forssen et al.		Tachna	ogy Center 2600
	A70	5,581,653	12-03-96	Todd		i como	ogy Center 2000
	A71	5,583,962	12-10-96	Davis et al.			
b	A72	5,586,121	12-17-96	Moura et al.			
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h	B29	WO 89/09965	10-19-89	WIPO					
	B30	WO 92/10040	06-11-92	WIPO					
	B31	WO 92/12599	07-23-92	WIPO					
	B32	WO 92/17948	10-15-92	WIPO					

	1h	C22	*Comet PC-to-PC File Transfer Application Software,* Starguide Ditigal Networks, Inc. publication 1996 (2 pages)
•	1	C23	"HSS High Speed ISA Bus PC Interface Board," <u>Starquide Ditigal Networks, Inc.</u> publication 1996 (2 pages)
	T	C24	*MPEG 2 Digital Video Decoder Module,* Starquide Ditigal Networks, Inc. publication 1996 (2 pages)
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Ken	A73	5,588,024	12-24-96	Takano			
1	A74	5,590,108	12-31-96	Mitsuno et al.			
	A75	5,594,490	01-14-97	Dawson et al.		RECEIN	/ED
	A76	5,606,668	02-25-97	Shwed	:		
	A77	5,608,446	03-04-97	Carr et al.		MAR 2 1	2003
	A78	5,633,981	05-27-97	Davis		Technology Ce	nter 2600
	A79	5,659,615	08-19-97	Dillon		3,	
	A80	5,659,877	08-19-97	Enomoto et al.			
Ů	A81	5,675,575	10-07-97	Wall, Jr. et al.			
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K	B33	WO 93/02412	02-04-93	WIPO				
	B34	WO 93/09631	05-13-93	WIPO				
	B35	WO 95/23493	08-31-95	WIPO				
6	B36	WO 96/08095	03-14-96	WIPO				

Kn	C25	"MUSICAM MPEG Layer II Digital Audio Decoder Module," Starquide Ditigal Networks, Inc. publication 1996 (2 pages)
1	C26	*RS-422, V.35, RS-232C Clear Channel Synchronous Data Interface Module,* <u>Starguide Ditigal Networks, Inc.</u> publication 1996 (2 pages)
4	C27	"Specification for Satellite Data Broadcasting System Software v. 1.0," <u>Starguide Ditigal Networks, Inc.</u> publication 10/31/95 (7 pages)
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le		A82	5,694,334		12-02-	97	Donahue et al.						
		A83	5,694,490		12-02-	97	Howell et al.						
		A84	5,694,546		12-02-	97	Reisman			_	RE	CEIVE	
		A85	5,699,411		12-16-	97	Becker et al.					MAR 2 1 20	12
		A86	5,706,335		01-06-	98	Hinderks						
		A87	5,727,002		03-10-	98	Miller et al.				lechr	ology Cente	7 2600
		A88	5,732,078		03-24-	98	Arango						
		A89	5,732,216		03-24-	98	Logan et al.						
V	/	A90	5,737,739		04-07-	98	Shirley et al.						
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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la	C28	*Starguide II Digital Multimedia Satellite Receiver,* Starguide Ditigal Networks, Inc. publication (2 pages)
	C29	*Starguide MX3 Digital Multimedia Multiplexer,* Starguide Ditigal Networks, Inc. publication (2 pages)
	C30	"Starguide MX3 Digital Multimedia Satellite Hub," Starguide Ditigal Networks, Inc. publication (2 pages
J	C31	"Virtual Bandwidth Network Management System (VBNMS) Software," Starguide Ditigal Networks, Inc. publication (2 pages)
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fler	A91	5,751,356	05-12-98	Suzuki et al.			
	A92	5,778,187	07-07-98	Monteiro et al.			
	A93	5,778,372	07-07-98	Cordell et al.		RECEIV	
	A94	5,781,909	02-14-98	Logan et al.		MAD 9 1 4	• • • • • • • • • • • • • • • • • • • •
	A95	5,809,145	09-15-98	Slik et al.		MAR 2 1 7	
	A96	5,818,441	10-06-98	Throckmorton et al.		Technology Cen	e: 2000
	A97	5,818,845	10-06-98	Moura et al.			
	A98	5,828,655	10-27-98	Moura et al.			
V	A99	5,828,839	10-27-98	Moncreiff			
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U	~	B41	WO 97/48051	12-18-97	WIPO				
		B42	WO 98/15887	04-16-98	WIPO				
		B43	WO 98/20724 A2	05-22-98	WIPO				
0		B44	WO 00/25482	05-04-00	WIPO				

Ku	C32	*Virtual Bandwidth Network Management System, Users Guide," <u>Starguide Ditigal Networks, Inc.</u> publication 1996, pp. 1-83
	C33	*Installation and Operation of the DaX,* Starguide Ditigal Networks, Inc. publication 04/25/95, pp. 1-16
	C34	*StarGuide II Satellite Receiver User's Manual,* Starguide Ditigal Networks, Inc. publication, Rev. B 6/96, pp. 1-56
8	C35	*RS-232 Asynchronous Services Statistical Demux Interface Module,* Starguide Digital Networks, Inc. publication 1996
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K	W.	A100	5,835,726	11-10-98	Shwed et al.			
	}	A101	5,838,906	11-17-98	Doyle et al.			
		A102	5,841,979	11-24-98	Schulhof et al.			
		A103	5,848,386	12-08-98	Motoyama		חרכו	IVED
		A104	5,852,721	12-22-98	Dillon et al.	,		
		A105	5,862,325	01-19-99	Reed et al.		MAR 2	, 1 2003
		A106	5,881,131	03-09-99	Farris et al.		Technology	Center 2600
		A107	5,893,091	04-06-99	Hunt et al.		(Calling and	
	V	A108	5,894,554	04-13-99	Lowery et al.			
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lh	B45	WO 02/069073 A2	09-06-02	WIPO				
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C39 Conway Phone-a-lyzer II, p. 96, Telephony's Buyer's Guide 1990/91						
1	C37	*Telos Zephyr Digital Network Audio Transceiver User's Manual,* (selected portions), Manual Version: Non-ISDN 1.0, April 94				
C38 Clearlink IP Router Data Sheet, Tridom, released 1/26/97 printed from web page 02/05/03						
V	C39	*VSAT Network Components,* Tridom, released 1/26/97 printed from web page 02/05/03				
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M		A109	5,987,480	11-16-99	Donohue et al.			
		A110	5,991,292	11-23-99	Focsaneanu			
		A111	5,991,306	11-23-99	Burns et al.			
		A112	5,991,596	11-23-99	Cunningham et al.		RECEI	VED
		A113	5,995,726	11-30-99	Dillon		MAR 2 1	2003
		A114	6,002,720	12-14-99	Yurt et al.			
		A115	6,006,173	12-21-99	Wiese et al.		Technology Co	enter 2600
	/	A116	6,018,764	01-25-00	Field et al.			19
a		A117	6,021,307	02-01-00	Chan			
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1C	C40	Clearlink System 100 Data Sheet, Tridom, released 1/26/97 printed from web page 02/05/03				
	C41	*Bandwidth On Demand Satellite Network Table Definitions," StarGuide Digital, version 2.0, August 29, 1996, pp. 1-8, Virtex Communications, LLC				
	C42	*StarGuide Multiplexer User's Manual,* Version 6.01, October 5, 1996, pp. 1-26, Virtex Communications, LLC				
C	C43	*Symphony Integrated Satellite Receiver Software High Level Design,* Version 1.0, April 28, 1995, pp. 1-24, Virtex Communications, LLC				
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lu	A118	6,023,345	02-08-00	Bloomfield			
	A119	6,034,689	03-07-00	White et al.			
	A120	6,038,594	03-14-00	Puente et al.			
	A121	6,041,295	03-21-00	Hinderks		RECEIV	ピ
	A122	6,041,359	03-21-00	Birdwell		MAR 2 1 2	
	A123	6,049,551	04-11-00	Hinderks et al.			
	A124	6,055,244	04-25-00	Wall, Jr. et al.		Technology Cen	[El 2000
	A125	6,078,961	06-20-00	Mourad et al.			
	A126	6,085,235	07-04-00	Clarke, Jr. et al.			
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K	C44	Symphony Integrated Satellite Receiver Product Specification, Version 1.1, May 5, 1995, pp. 1-11, Virtex Communications, LLC						
	C45	StarGuide II Tracking brochure, 1995, Virtex Communications, L.L.C.						
	C46	*MUSICAM EXPRESS Brochure, 1995, Virtual Express Communications, L.L.C.						
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10		A127	6,094,427	07-25-00	Yi			
	1	A128	6,094,671	07-25-00	Chase et al.			
		A129	6,101,180	08-08-00	Donahue et al.			
		A130	6,115,750	09-05-00	Dillon et al.		RFCEI\	/ED
	·	A131	6,128,374	10-03-00	Hinderks		MAR 2 1	2003
		A132	6,144,702	11-07-00	Yurt et al.			
		A133	6,160,797	12-12-00	Robert III et al.		Technology Ce	nter 2600
		A134	6,188,689	02-13-02	Katsube et al.			·
6	1	A135	6,205,473	03-20-01	Thomasson et al.			
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K	C47 "Compression in Video and Audio," John Watkinson, 1995							
		C48	/ebpage printouts, IDR V1000 Specification, WavePhore Networks, 12/10/97					
		C49	*WavePhore and SkyCache to Renovate Internat Backbone," webpage printout, WavePhore Networks, 03/11/98					
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ll-		A138	6,212,201	04-03-01	Hinderks et al.			
		A137	6,310,893	10-30-01	Yuan et al.			
		A138	6,351,727	02-26-02	Wiese et al.			
	·	A139	6,351,728	02-26-02	Wiese et al.		RECEIV	ED
		A140	6,359,882	03-19-02	Robles et al.		MAR 2 1 2	กกร
		A141	6,373,927	04-16-02	Hinderks			
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The above-identified reference(s) are listed on the attached Form PTO-1449 and copies are also enclosed herewith. This submission is in no way intended as an admission that the above-cited references constitute prior art. Applicant expressly retains the right to take any actions necessary to remove the above-cited references from the available prior art. Consideration of the above-identified references in the examination of the present patent application is respectfully requested.

The Commissioner is hereby authorized to charge any additional fees which may be required or credit any overpayment to Account No. 13-0017.

Respectfully submitted,

Joseph M. Barich

Registration No. 42,291 Attorney for Applicant

March 17, 2003

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